1   35. (New)   A method for processing documents in a computer

2   system, the method comprising:

3   transferring document data associated with a document between a

4   processing device and a peripheral device in the computer system as part of

5   executing an application program;

6   generating index information associated with the document data; and

7   archiving the document data with the index information in a memory

8   in the computer system in conjunction with transferring the document

9   between the processing device and the peripheral device transparently to

10   the application program.

1   36.   The method defined in Claim 35 further comprising executing

2   a command, as part of execution of the application program, to transfer the

3   document between the processing device in the computer system and the

4   peripheral device.

1   37. (New)   The method defined in Claim 35 wherein the index

2   information is selected from a group consisting of one or more keywords

3   appearing in the document, text appearing in the document, one or more

4   symbols appearing in the document, an indication of the application

5   program, an address, and a low resolution iconic representation for an

6   image in the document.

1   38. (New)   The method defined in Claim 35 further comprising

2   searching for the document in the memory using the index information.

1   39. (New)   The method defined in Claim 35 wherein archiving the

2   document data is performed transparently to an operating system running

3   on the computer system.

1   40. (New)   The method of Claim 39, wherein archiving the

2   document data comprises:

3   running software on the computer system to monitor a device driver

4   for the peripheral device while the application program runs;

5   capturing the document data when the device driver operates to

6   invoke transfer of the document data; and

7   converting the document data to an image of the document data.

1   41. (New)   The method of Claim 40, wherein the document image

2   is stored in a format that includes one format from the group consisting of

3   Postscript, PCL, TIFF, GIFF, PDF and FLAS4PIX.

1   42. (New)   The method of Claim 40, wherein the document image

2   is stored in a text file format.

1   43. (New)   The method of Claim 35, wherein the memory is a

2   storage device in which storage is partitioned between a file archiving

3   system and a document archiving system.

1   44. (New)   The method of Claim 43, wherein the document data is

2   stored as an entry in a database maintained in the storage device.

3

1   45. (New)   The method of Claim 35, wherein the document data is

2   stored as a record in a database maintained in a remote storage facility.

1   46. (New)   (Amended)   The method of Claim 35, wherein the

2   document data is stored as a record in a database maintained in a paperless

3   printer.

1   47. (New)   The method of Claim 35, further comprising capturing a

2   source filename of the document.

1   48. (New)   The method defined in Claim 47, further comprising

2   providing links between an archived document data and the original

3   document data.

1   49. (New)   The method of Claim 35, wherein the peripheral device

2   is coupled to a network interface of the computer system.

1   50. (New)   The method of Claim 35, further comprising accessing

2   archived documents via a browser interface.

1   51. (New)   The method defined in Claim 50 further comprising

2   accessing files stored in the memory storing the archived documents using

3   the browser interface.

1   52. (New)   A method for automatically archiving document images

2   in a computer system, the method comprising:

3   capturing a copy of document data transferred between the

4   peripheral devices and the at least one processing device transparently to an

5   application programs while the application programs transfers the

6   document data between peripheral devices in the computer system and at

7   least one processing device running application programs in the computer

8   system;

9   generating index information associated with the document data; and

10   storing the document data with the index information in a memory in

11   the computer system.

1   53. (New)   The method defined in Claim 52 wherein the index

2   information is selected from a group consisting of one or more keywords

3   appearing in the document, text appearing in the document, one or more

4   symbols appearing in the document, an indication of the application

5   program, an address, and a low resolution iconic representation for an

6   image in the document.

1   54. (New)   The method defined in Claim 52 further comprising

2   searching for the document in the memory using the index information.

1   55. (New)   The method of Claim 52 further comprising:

2   capturing electronic activities of computer system processing; and

3   storing a document containing a record of the electronic activities in

4   the memory.

1   56. (New)   The method of Claim 52 further comprising:

2   capturing completion of a network document; and

3   storing the network document as a record in the memory.

1   57. (New)   The method defined in Claim 52 wherein storing the

2   document data is performed transparently to the operating system.

1   58. (New)   The method of Claim 52, further comprising:

2   running software on the computer system to monitor a device driver

3   for the peripheral device while application programs run;

4   capturing the document data when the device driver operates to

5   evoke transfer of document data; and

6   converting the document data in an image of the document data for

7   storage.

1   59. (New)   The method of Claim 52, further comprising accessing

2   archived documents via a browser interface.

1   60. (New)   The method defined in Claim 59, further comprising

2   accessing files stored in the memory using the browser interface.

1   61. (New)   A computer system comprising:

2   at least one peripheral device;

3   a memory storing at least one application program and an archiving

4   program;

5   a bus coupled to the memory and the at least one peripheral device;

6   a processor coupled to the bus, the processor running at least one

7   application program and the archiving program to automatically capture

8   documents created during execution of said at least one application

9   program, generate index information associated with document data of the

10   documents, and store captured documents with the index information in the

11   memory via execution of the archiving program transparently with respect

12   to said at least one application program.

1   62. (New)   The system defined in Claim 61 wherein the index

2   information is selected from a group consisting of one or more keywords

3   appearing in the document, text appearing in the document, one or more

4   symbols appearing in the document, an indication of the application

5   program, an address, and a low resolution iconic representation for an

6   image in the document.

1   63. (New)   The system defined in Claim 61 wherein the processor

2   executes a command to transfer the document and the archiving program

3   monitors a device driver of said at least one application program to capture

4   the document.

1   64. (New) The system defined in Claim 61 wherein the memory

2 stores an operating system which is executed by the processor and wherein

3 the documents are captured transparently to the operating system.

1   65. (New) The system defined in Claim 61 wherein the computer

2 system is partitioned between a file archiving system and a document

3 archiving system.

1   66. (New) The system defined in Claim 61 wherein the archiving

2 program includes an interface which is generated by the processor to enable

3 accessing of the archived documents via a browser interface.

1   67. (New) The system defined in Claim 66 wherein files stored in

2 the memory are also accessed via the browser interface.

1   68. (New) A computer software product including a medium

2 readable by a processor, the medium having stored thereon a sequence of

3 instructions which, when executed by the processor, causes the processor to:

4   transfer document data associated with a document between a

5   processing device and a peripheral device in the computer system as part of

6   executing an application program;

7   generate index information associated with the document data; and

8   archive the document data with the index information in a memory in

9   the computer system in conjunction with transferring the document between

10   the processing device and the peripheral device transparently to the

11   application program.

1   69.   The article of manufacture defined in Claim 68 including

2   instructions which when executed by the processor cause the processor to

3   execute a command, as part of execution of the application program, to

4   transfer the document between the processing device in the computer

5   system and the peripheral device.

1   70. (New)   An apparatus for processing documents in computer

2   systems comprising: